

VARIABLE OPTICS SPOT MODULE

Abstract of Disclosure

A lamp (10) includes a substrate (12), a first lighting unit (14A) and a second lighting unit (14B). The first lighting unit (14A) includes a first light emitting diode (22A) arranged on the substrate (12), and a first lens element (24A) that has a first optical prescription and is arranged to interact with light produced by the first light emitting diode (22A). The second lighting unit (14B) includes a second light emitting diode (22B) arranged on the substrate (12), and a second lens element (24B) that has a second optical prescription and is arranged to interact with light produced by the second light emitting diode (22B). A means (30) for selectively applying electrical power has at least a first selectable mode in which the means (30) applies power to the first lighting unit (14A) whereby a first light output pattern is emitted, and a second selectable mode in which the means (30) applies power to the second lighting unit (14B) whereby a second light output pattern is emitted.

Patent Application No. 10/000,000

Figures